

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	64	ossicle near3 prosthesis	US-PGPUB; USPAT	ADJ	ON	2008/07/30 16:12
S2	27	(method near3 forming) same (metal wires and ceramic)	US-PGPUB; USPAT	ADJ	ON	2008/07/30 16:46
S3	4	("20050027357"   "6168625"   "6387128"   "6579317").PN.	US-PGPUB; USPAT	ADJ	ON	2008/07/31 07:56
S4	50	((("20070021833") or ("6398717") or ("6241767") or ("4601723") or ("6197060") or ("4554914") or ("4287616") or ("4473909") or ("4617024") or ("5370689") or ("7238202") or ("20050165481") or ("20070083263") or ("5180391") or ("6277148") or ("6368267") or ("6436028") or ("6482144") or ("6540661") or ("6554861") or ("20010037151") or ("5800558") or ("6010535") or ("6128696") or ("4535487") or ("4551863") or ("4795473") or ("5002581") or ("5201882") or ("5733122") or ("7033174") or ("20030228556") or ("4281419") or ("6390970") or ("5716360") or ("5879355") or ("6063124") or ("6402516") or ("6589284") or ("4608055") or ("5015817")) or	US-PGPUB; USPAT	OR	OFF	2008/07/31 07:56

		(("5776144") or ("6190306") or ("5326372") or ("5314474") or ("5425771") or ("5456654") or ("5514177") or ("5554096") or ("6579317") or (".).pn.")). PN.				
S5	12	("4641651"   "4655776"   "4921498"   "5059214"   "5104401"   "5180391"   "5554188"   "5814104"   "6001120"   "6168625"). PN. OR ("6387128"). URPN.	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/07/31 08:00
S6	8	("5015225"   "5941814"   "6168625"   "6277148"   "6387038"   "6387128"   "6398717"   "6432139"). PN. OR ("6579317"). URPN.	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/07/31 08:01
S7	9	("20020045939"   "20030130734"   "20040064183"   "20050027357"   "3473170"   "3711869"   "4655776"   "6203571"). PN. OR ("7238202"). URPN.	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/07/31 08:05
S8	295	(623/10).OCLS.	US-PGPUB; USPAT	OR	OFF	2008/07/31 08:11
S9	376	(600/25).OCLS.	US-PGPUB; USPAT	OR	OFF	2008/07/31 08:11
S11	659	(a61f2/18).IPCR.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/31 08:12
S12	7	(S8 or S9 or S11) and ((ossicle or eardrum or (middle ear)) same (ball with (shaft or stem)))	US-PGPUB; USPAT	ADJ	ON	2008/07/31 08:14
S13	9446	(shaft or stem) with ((many or multiple or connected) with (balls or spheres))	US-PGPUB; USPAT	ADJ	ON	2008/07/31 08:15
S14	214	S13 and (prosthesis or prosthetic)	US-PGPUB; USPAT	ADJ	ON	2008/07/31 08:16
S15	700	(shaft or stem) with ((many or multiple) with (balls or spheres))	US-PGPUB; USPAT	ADJ	ON	2008/07/31 08:16

S16	30	S15 and (prosthesis or prosthetic)	US-PGPUB; USPAT	ADJ	ON	2008/07/31 08:16
S17	5019	((shaft or stem) with ((multiple or plurality) with (balls or spheres))	US-PGPUB; USPAT	ADJ	ON	2008/07/31 08:18
S18	5297	((shaft or stem) with ((multiple or plurality) with (balls or spheres or beads))	US-PGPUB; USPAT	ADJ	ON	2008/07/31 08:18
S20	81	S18 and (multiple balls)	US-PGPUB; USPAT	ADJ	ON	2008/07/31 08:23
S21	0	shaft with (plurality of balls)	US-PGPUB; USPAT	ADJ	ON	2008/07/31 08:24
S22	346	shaft with ((connected or joined) with ((plurality or multiple) near3 balls))	US-PGPUB; USPAT	ADJ	ON	2008/07/31 08:25
S23	24	("4281419"   "4292693"   "4510627"   "4597764"   "4601723"   "4617024"   "4624672"   "4740209"   "4871364"   "5061280"   "5104401"   "5180391"   "5554188"   "5578086"   "D286909"   "D286910"). PN. OR ("6168625"). URPN.	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/07/31 08:32
S24	3	(S11) and ((ossicle or eardrum or (middle ear)) same ((sphere or ball) with (shaft or stem)))	US-PGPUB; USPAT	ADJ	ON	2008/07/31 09:17
S25	10	(S8 or S9 or S11) and ((ossicle or eardrum or (middle ear)) and (joint with (ball with (shaft or stem))))	US-PGPUB; USPAT	ADJ	ON	2008/07/31 10:23
S26	12	((ossicle or eardrum or (middle ear)) and (joint with (ball with (shaft or stem)))))	US-PGPUB; USPAT	ADJ	ON	2008/07/31 10:38
S27	7	S11 and ((ossicle or eardrum or (tympanic membrane) or (middle ear)) same (stem or shaft or bar)) and (ball with socket)	US-PGPUB; USPAT	ADJ	ON	2008/07/31 10:43
S28	9	S11 and ((ossicle or eardrum or (tympanic membrane) or (middle ear)) same (stem or shaft or bar)) and (ball with socket)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/07/31 10:43

S29	98	S11 and ((ossicle or eardrum or (tympanic membrane) or (middle ear)) same (stem or shaft or bar))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/07/31 10:45
S30	0	("1181907").PN.	EPO	OR	OFF	2008/08/13 18:48
S31	6	("1181907").PN.	EPO; DERWENT	OR	OFF	2008/08/13 18:48
S32	6	("1181907").PN.	DERWENT	OR	OFF	2008/08/13 18:49
S33	0	((strut) with ((recess or perforation) with oblong to long))	US-PGPUB; USPAT	ADJ	ON	2008/08/14 10:13
S34	42	((strut) with ((recess or perforation) with (oblong or long)))	US-PGPUB; USPAT	ADJ	ON	2008/08/14 10:15
S35	13	((strut) with ((recess or perforation) with (oblong)))	US-PGPUB; USPAT	ADJ	ON	2008/08/14 10:15
S36	1	("20050267600").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/08/14 11:16
S37	16507	((balls or spheres) with (bores or holes or apertures) with (through or across or into)) same (rod or shaft or stem or post)	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/08/14 11:19
S38	169	S37 and (prosthesis or prosthetic)	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/08/14 11:19
S39	12	(rod) with (balls) with (going near3 through)	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/08/14 11:23
S40	3	(rod) with (balls) near3 (going near3 through)	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/08/14 11:24
S41	1	((stick) with (balls) near3 (going near3 through))	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/08/14 11:27
S42	0	(stick or rod) with (beads) near3 (going near3 through)	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/08/14 11:28
S43	381	((stick or rod) with (beads) near3 (through))	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/08/14 11:29
S44	86	((stick or rod) near3 (beads) near3 (through))	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/08/14 11:30
S45	628	((pipe) near3 (beads or balls) near3 (through))	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/08/14 11:35
S46	542	((pipe) near3 (balls) near3 (through))	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/08/14 11:36

S47	10	(pipe) near3 ( balls) near3 ((going or inserted or extended) near3 through)	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/08/14 11:36
S48	297	(623/10).OCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/14 14:31
S49	377	(600/25).OCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/14 14:31
S50	664	(a61f2/18).IPCR.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/08/14 14:31
S51	24	(S48 or S49 or S50) and ((laser near3 welding))	US-PGPUB; USPAT	ADJ	ON	2008/08/14 14:31
S52	0	(S48 or S49 or S50) and ((bores or perforation or hole) with (laser near3 welding))	US-PGPUB; USPAT	ADJ	ON	2008/08/14 14:32
S53	918	((bores or perforation or hole) with (laser near3 welding))	US-PGPUB; USPAT	ADJ	ON	2008/08/14 14:33
S54	36	S53 and (prosthesis or prosthetic)	US-PGPUB; USPAT	ADJ	ON	2008/08/14 14:34
S55	36147	((bores or perforation or hole) with (laser))	US-PGPUB; USPAT	ADJ	ON	2008/08/14 14:35
S56	564	S55 and (prosthesis or prosthetic)	US-PGPUB; USPAT	ADJ	ON	2008/08/14 14:35
S57	5175	((made or produced or created) with (bores or perforation or hole) with (laser))	US-PGPUB; USPAT	ADJ	ON	2008/08/14 14:35
S58	80	S57 and (prosthesis or prosthetic)	US-PGPUB; USPAT	ADJ	ON	2008/08/14 14:36
S59	1	("20040148025").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/08/14 14:39
S64	3	((("20050027317") or ("20056027317") or ("7204850") or ("6432139"))).PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/08/19 08:20
S65	1	((("20050027357") or ("20056027357")).PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/08/19 08:22
S66	1	"60711506"	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/08/19 09:35
S67	2	((("5149269") or ("5334026"))).PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/08/19 09:39
S68	2	"20050267600"	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/08/19 11:07
S69	0	S68 and (oblong near3 recess)	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/08/19 11:08

S70	1	("20070048708").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/08/19 14:04
S72	1	("6168625").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/08/19 14:05
S73	1	S72 and flexible	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/08/19 14:05
S74	0	S70 and flexible	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/08/19 14:07
S76	1	("20050165481").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/08/19 18:00
S77	0	S76 and (frequency or mass)	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/08/19 18:00
S78	297	(623/10).OCLS.	US-PGPUB; USPAT	OR	OFF	2008/08/20 08:57
S79	24	S78 and ((shape near3 memory) or nitinol)	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/08/20 08:57
S80	1	("20050165481").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/08/20 08:59
S81	0	S80 and (hearing aid)	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/08/20 08:59
S82	69	S78 and (hearing aid)	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/08/20 09:00
S83	6	S82 and ((connected or attached) near3 (hearing aid))	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/08/20 09:00
S84	0	S82 and (prosthesis with ((connected or attached) near3 (hearing aid)))	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/08/20 09:01
S85	0	S78 and (prosthesis with ((connected or attached) near3 (hearing aid)))	US-PGPUB; USPAT; USOOR	ADJ	ON	2008/08/20 09:01

8/20/2008 1:59:57 PM

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